	Sanata Energy & 19
HB 237	Exhibit No
	Date 3 _
Electricity Prices and Forecasts	Bill No. HB
Avoided Cost Calculation	
PSC Order No. 6973d, May 2010	\$69.21 MWH
Mid-C Price Forecast (Average Price)	
20-Year Levelized Supply Cost ¹	\$59.14 MWH
Community Renewable Proposals and Feasibility Studies	
2009 Renewable RFI	\$54.00 to \$156.10 MWH
Price Range of 20 Proposals	with escalator
2009 Renewable RFI	\$80.14 MWH
Average Price of 20 Proposals	with escalator
2009 Biomass Proposals	\$95.00 to \$150.00 MWH
Price Range	with escalator
19 MW Prototypical Biomass Plant	
20-Year Levelized Supply Cost ²	\$101.50 MWH
Community Renewable Acquisitions	
15 MW Hydro Unit	
20-Year Levelized Supply Cost ²	\$69.51 MWH
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¹ Average Mid-C Price obtained by developing a weighted average of heavy load (56.1% of year) and light load (43.9% of year) prices. Based on October 6, 2009 price update.	
² Levelized using an 8.46 discount rate.	
HB 237 - March 10, 2011	
NorthWestern Energy	
208 N. Montana Ave., Suite 205	
Helena, MT 59601 (406) 443-8963	
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DAILY OPERATING REPORT February 17, 2011

WEATHER DATA	***** A C T U A L * * * * *		*****LAST YEAR****			NORMAL	
	High	Low	Average	High	Low	<u>Average</u>	<u>Average</u>
Billings	57	33	45	40	20	30	30
Bozeman	48	32	40	39	19	29	26
Butte	41	26	33	37	12	24	23
Great Falls	40	20	30	41	22	31	27
Helena	50	31	40	40	29	34	27
Missoula	34	29	31	40	32	36	29
AVERAGE T	45	29	37	40	22	31	27

ELECT	GAS		
(\$/MWh @	(US\$/MMBtu)		
On Peak	Off Peak	Aeco	
23.15	-0.32	3.5875	

	ELECT (\$/MW		GAS (\$/MMBtu)		
	Bid	Offer	Nymex	Change	
March-11	\$27.75	\$28.75	\$3.868	(\$0.053)	
April-11	\$26.50	\$27.50	\$3.901	(\$0.660)	
May-11	\$19.00	\$20.00	\$3.968	(\$0.062)	
June-11	\$20.50	\$21.50	\$4.030	(\$0.058)	
July-11	\$35.50	\$36.50	\$4.087	(\$0.056)	
August-11	\$35.50	\$36.50	\$4.118	(\$0.057)	
September-11	\$35.50	\$36.50	\$4.130	(\$0.057)	
October-11	\$36.75	\$37.75	\$4.176	(\$0.057)	
November-11	\$36.75	\$37.75	\$4.371	(\$0.054)	
December-11	\$36.75	\$37.75	\$4.613	(\$0.045)	
January-12	\$38.25	\$39.25	\$4.742	(\$0.041)	
February-12	\$38.25	\$39.25	\$4.732	(\$0.042)	
	\$32.25	\$33.25	\$4.228	(\$0.054)	

12 Month Average

DAILY OPERATING REPORT

March 8, 2011

WEATHER DATA	***** A C T U A L * * * * *		*****LAST YEAR****			NORMAL	
	High	Low	Average	High	Low	<u>Average</u>	<u>Average</u>
Billings	39	16	27	59	38	48	35
Bozeman	37	22	29	50	22	36	32
Butte	34	11	22	47	21	34	29
Great Falls	38	2	20	58	32	45	32
Helena	38	17	27	52	26	39	33
Missoula	36	23	29	51	27	39	36
AVERAGE	37	15	26	53	28	40	33

ENERGY PRICING DATA

ELECT	GAS		
(\$/MWh @	(US\$/MMBtu)		
On Peak	Off Peak	Aeco	
 18.49	14.57	3.5675	

	ELECT	RIC	GAS (\$/MMBtu)		
	(\$/MW	h)			
	Bid	Offer	Nymex	Change	
April-11	\$22.50	\$23.50	\$3.864	(\$0.063)	
May-11	\$16.00	\$17.00	\$3.924	(\$0.060)	
June-11	\$14.25	\$15.25	\$3.986	(\$0.056)	
July-11	\$33.75	\$34.75	\$4.062	(\$0.051)	
August-11	\$33.75	\$34.75	\$4.105	(\$0.044)	
September-11	\$33.75	\$34.75	\$4.122	(\$0.041)	
October-11	\$36.25	\$37.25	\$4.168	(\$0.040)	
November-11	\$36.25	\$37.25	\$4.351	(\$0.030)	
December-11	\$36.25	\$37.25	\$4.605	(\$0.033)	
January-12	\$37.00	\$38.00	\$4.740	(\$0.038)	
February-12	\$37.00	\$38.00	\$4.733	(\$0.036)	
March-12	\$37.00	\$38.00	\$4.679	(\$0.031)	
, –	\$31.15	\$32.15	\$4.278	(\$0.044)	

Submitted by:
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